

IN THE SPECIFICATION:

Please amend the Specification paragraph beginning at page 10, line 10, as follows:

Between the engine 7 and an input shaft 41 of a transmission 50 40, a clutch 8 is installed. The clutch 8, by controlling the position thereof by an actuator control unit 104 and an actuator 111, can adjust the pressing force. The power from the engine 7, by engaging the clutch 8, is transferred to the input shaft 41. When the pressing force is adjusted, the torque transferred from the engine 7 to the input shaft 41 can be adjusted. Further, when the clutch 8 is disengaged, the power transfer from the engine 7 to the input shaft 41 can be interrupted. For the clutch 8, a friction clutch of a dry type signal plate system generally used in a car loading a general manual transmission is used. The actuator 111 of the clutch 8 is composed of a motor (not shown in the drawing) and a mechanism for converting the rotary motion of the motor to a linear motion. The pressing force of the clutch 8 is controlled by the actuator 111. Further, for the clutch 8, any of a friction clutch of a wet type multi-plate system, an electromagnetic clutch, and others which can adjust the torque to be transferred may be used.

Please amend the Specification paragraph beginning at page 11, line 7, as follows:

A transmission 50 ~~20~~ has the input shaft 41, an output shaft 42, gears 1, 2, 3, 4, 5, 6, 11, 12, 13, 14, 15, and 16, sleeves 21, 22, and 23, synchronizers 51, 52,

53, 54, 55, and 56, an input shaft speed sensor 31, and an output shaft speed sensor 32. The gears 2, 3, 5, and 6 are idle gears rotatably attached to the input shaft 41. The gears 11 and 14 are idle gears rotatably attached to the output shaft 42. The gears 1 and 4 are fixed to the input shaft 41. The gears 12, 13, 15, and 16 are fixed to the output shaft 42. The gears 1 and 11, the gears 2 and 12, the gears 3 and 13, the gears 4 and 14, the gears 5 and 15, and the gears 6 and 16 are meshed with each other. The input shaft speed sensor 31 is installed as a means for detecting the speed of the input shaft 41. The output shaft speed sensor 32 is installed as a means for detecting the speed of the output shaft 42.